

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : M. Allen Northrup et al.  
 Serial No.: Not yet assigned  
 Filed :  
 Title : MICROFABRICATED REACTOR

1 1/2 (ccs)  
 PLUNKETT  
 2/17/00

## BOX PATENT APPLICATION

Commissioner of Patents and Trademarks  
 Washington, DC 20231

PRELIMINARY AMENDMENT

Prior to examination, please enter the following  
 amendments:

IN THE SPECIFICATION:

Page 1, lines 3-4, replace "filed January 18, 1990,"  
 with --issued July 14, 1992--.

Page 2, line 31, insert --,-- after "reactions".

Page 3, line 31, replace "(PCR)," with (PCR) or the

(a-c) 1 ligase chain reaction, --

Page 8, line 20, after "samples." insert --Samples may

(a-c) 2 be less than a milliliter, less than a microliter, or less than a  
 picoliter.--.

Page 13, line 25, replace "which" with --with--.

Page 14, line 1, replace "pre-determined" with  
 --predetermined--.

Page 14, line 7, replace "need" with --needle--

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June 6, 1995  
 Wilfred E. Gump